We claim:

1. A [illegible] isolated from a plant, which encodes [illegible]-glyc[illegible] that is inducible by exposure of the plant to [illegible]PB.

2. The [illegible] nucleic acid of claim 1, which is preferen[illegible]ally [illegible] plant roots upon exposure of the plant to [illegible]PB.

3. The [illegible] nucleic acid of claim 1, wherein the plan[illegible] is sel[illegible] the group consisting of *Brassica napus* a[illegible] *Arabi[illegible]* and is 3850-4150 nucleotides long.

4. The [illegible] nucleic acid of claim 1, which has the rest[illegible]tion [illegible] in Figure 4 for at least three enzymes.

5. The [illegible] nucleic acid of claim 4, which encodes [illegible] ID NO:2.

6. The [illegible] acid of claim 5, which is a cDNA [illegible]ris[illegible] selected from the group consist[illegible] of [illegible] ID NO:10.

[illegible]

8. An antibody immunologically specific for the protein of claim 7.

9. An expression cassette, which comprises a *plPAC* gene coding sequence operably linked to a promoter.

10. The expression cassette of claim 9, which comprises a *plPAC* gene from *Arabidopsis thaliana*.

11. The expression cassette of claim 10, in which the promoter is the cauliflower mosaic virus 35S promoter.

12. The expression cassette of claim 10, in which the *plPAC* gene is part or all of SEQ ID NO:1 or SEQ ID NO:10.

13. A vector comprising the expression cassette of claim 9.

14. The vector of claim 13, which is comprised of an *Agrobacterium* binary vector selected from the group consisting [illegible].

15. [illegible] a plant with enhanced resistance to [illegible] compounds by transforming *in vitro* the plant with the expression cassette of claim 9.

claim 1[illegible].

18. A [illegible] seed from the transgenic plant of claim [illegible].

19. A cell from the transgenic plant of claim 17.

20. A recombinant DNA molecule comprising the nucleic [illegible] molecule of claim [illegible], operably linked to a vector for transforming cells.

21. A cell transformed with the recombinant DNA molecule of claim [illegible].

22. The cell of claim 21, selected from the group consisting of bacterial cells, yeast cells and plant cells.

23. A transgenic plant regenerated from the transformed cell of claim 22.

[illegible]. [illegible] acid molecule of at least 20 nucleotides in length having a sequence selected from the group consisting of:

[illegible] SEQ ID NO:10;

[illegible] sequence that is at least about 60% homologous to the complete sequence of SEQ ID NO:1 or SEQ ID NO:[illegible].

having SEQ ID NO:2;

(b) a sequence encoding an amino acid sequence that is at least about [illegible] identical to SEQ ID NO:2;

(c) a sequence encoding an amino acid sequence that is at least about [illegible] similar to SEQ ID NO:2;

(d) a sequence encoding an amino acid sequence that is at least about [illegible] similar to residues 1-76, 613-669 or 1144-1161 of SEQ ID NO:2; and

(e) a sequence hybridizing at moderate stringency to a sequence encoding residues 1-76, 613-669 or 1144-1161 of SEQ ID NO:2.

25. A polypeptide produced by expression of the nucleic acid sequence of claim 24.

26. An antibody immunologically specific for the polypeptide of claim 25.

27. An oligonucleotide between about 10 and about 100 nucleotides in length which specifically hybridizes at moderate stringency to a region of the nucleic acid molecule of claim 24.

28. A recombinant DNA molecule comprising the nucleic acid molecule of claim 24, operably linked to a vector [illegible].

. The [illegible] claim 29, selected from the group consisting of [illegible]lls, yeast cells and plant cells.

. A [illegible] plant regenerated from the cell of claim [illegible].

. An [illegible] plant p-glycoprotein, which is inducible upon exposure of the plant to NPPB.

. The [illegible] protein of claim 32, which confers upon a cell in which it is found resistance to Rhodamine 6G.

. The [illegible] protein of claim 33, which is preferentially produced in roots upon the exposure to the NPPB.

. The [illegible] protein of claim 34, from a plant selected from the group consisting of *Brassica napus* and *Arabidopsis thaliana*.

. The [illegible]tein of claim 35, having an amino acid sequence selected from the group consisting of:

an amino acid sequence that is at least 80% similar to SEQ ID NO:

an amino acid sequence that is at least 70%

[illegible]

An amino acid sequence encoded by a nucleic acid sequence hybridizing under moderate stringency to a amino acid sequence encoding residues 1-76, 613-669 or 1144-1161 of SEQ ID NO:2.

37. Antibodies immunologically specific for the p-glycoprotein of claim 36.

38. The antibodies of claim 38, that are immunologically specific to residues 1-76, 613-669 or 1144-1161 of SEQ ID NO:2.

39. A plant p-glycoprotein gene promoter which is inducible by NPPB.

40. The plant p-glycoprotein gene promoter of claim 39, that is part or all of residues 1-3429 of SEQ ID NO:10.

41. A plant with reduced levels of plPAC protein.

42. The plant of claim 41, wherein the native *plPAC* gene is mutated.

43. The plant of claim 42, wherein the *plPAC* gene is mutated by insertion of a T DNA.

45. The [illegible] claim 44, wherein the population of plants is mutated by T-DNA insertion.